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TITLE : COMPOSITION FOR LIVING BODY AND MATERIAL FOR LIVING BODY

ABSTRACT : PURPOSE: To obtain a composition for living body which is easily handled similarly to the cement for dental use and possesses high living body activity and living body affinity and the material for living body containing the above- described composition for living body by allowing the composition for living body to contain the water-hardened calcium silicate group compounds.

CONSTITUTION: A composition for living body contains the water-hardened calcium silicate group compounds. The water-hardened calcium silicate group compound is a kind of portland cement, and ordinarily consists of $3\text{CaO} \cdot \text{SiO}_2$ and $2\text{CaO} \cdot \text{SiO}_2$ as main constituents, and reacts with water to produce the hydrate which is hardly soluble. The calcium silicate group compound preferably contains CaO in 45-85wt.% and SiO₂ in 15-55wt.%. The water-hardened calcium silicate group compound may contain at least one kind selected from MgO, BaO, SrO, Al₂O₃, Fe₂O₃, Na₂O, K₂O, Li₂O, TiO₂, ZrO₂, S₂O₃, B₂O₃, and CaF₂ in 10wt.% or less.

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